Surendra Bairwa

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PROFESSIONAL SUMMARY

Aspiring full-stack developer with hands-on experience building dynamic and responsive web applications. Strong foundation in JavaScript, React, Node.js, and MongoDB with proven ability to deliver complete end-to-end solutions. Passionate about writing clean, maintainable code and eager to contribute to real-world projects while continuously expanding technical expertise.

TECHNICAL SKILLS

Frontend: HTML5, CSS3, JavaScript (ES6+), React.js, Tailwind CSS, Bootstrap, Responsive Design
Backend: Node.js, Express.js, RESTful API Development
Database: MongoDB, Mongoose ODM
Tools & Technologies: Git, GitHub, Vercel, Render, Postman, VS Code
Core Competencies: Full-Stack Development, CRUD Operations, Authentication & Authorization, State Management

PROJECTS

Freshcart – Full-Stack E-Commerce Platform | *React.js, Node.js, Express.js, MongoDB, Tailwind CSS*
- Engineered a complete e-commerce web application with product catalog, shopping cart, and checkout functionality similar to major platforms like Flipkart and Amazon
- Developed secure user authentication system with JWT tokens, password hashing, and session management
- Implemented dynamic product listing with real-time search, filtering, and sorting capabilities across multiple categories
- Built comprehensive shopping cart with add, update, remove functionality and persistent cart state management
- Created admin dashboard with role-based access control for product management, inventory tracking, and order processing
- Deployed scalable application on Vercel with responsive design ensuring seamless experience across desktop, tablet, and mobile devices
- Live: e-commerce-frontend-xi-seven.vercel.app

Furniture Web – Business Management System | *React.js, Node.js, Express.js, MongoDB, Tailwind CSS*
- Developed a web application for furniture retailers to digitize offline order management and display product catalogs online
- Implemented full CRUD functionality allowing business owners to add, edit, update, and delete products with image uploads
- Designed intuitive admin interface for order tracking, customer management, and inventory updates
- Built RESTful API backend with Express.js providing endpoints for product operations and order processing
- Optimized database queries with MongoDB indexing resulting in faster data retrieval and improved performance
- Created responsive UI with Tailwind CSS ensuring professional appearance and usability across all screen sizes
- Live: furniture-web-ruddy.vercel.app

Pixelgenix JobPortal – Job Portal REST API | *Node.js, Express.js, MongoDB*
- Architected and developed comprehensive job portal backend API serving employers, job seekers, and administrators
- Implemented secure authentication system with JWT tokens and bcrypt password encryption for user data protection
- Built role-based authorization middleware controlling access to employer, job seeker, and admin-specific functionalities
- Created job posting system enabling employers to create, update, delete job listings with detailed requirements and descriptions
- Developed job application workflow allowing seekers to apply, track application status, and manage their profiles
- Designed admin panel APIs for user verification, job listing moderation, and platform analytics
- Deployed on Render with proper error handling, input validation, and API documentation
- API: pixel-backend-1.onrender.com

EDUCATION

Bachelor of Computer Application (BCA)   2022 – 2025

ADDITIONAL INFORMATION

Company Portfolio Website with Admin Panel and Backend System | React.js, Node.js, Express.js, MongoDB, Tailwind CSS
- Developed a dynamic company portfolio website with integrated admin panel for content and service management.
- Implemented secure authentication, role-based access, and responsive frontend design using React.js and Tailwind CSS.
- Built RESTful APIs with Node.js and Express.js for project, service, and contact form data handling.
- Deployed using Vercel (frontend) and Render (backend) for seamless performance across devices.
- Live: https://pixelmainwebfrontend.vercel.app/